



General ordering data

| | |
|------------------|--|
| Order No. | 1775480000 |
| Part designation | ZDU 1.5 |
| Version | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, beige, TS 35 |
| EAN | 4032248181469 |
| Qty. | 100 pc(s). |

Product notes

| | |
|---------------------|---|
| Product description | Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm ² . |
|---------------------|---|

PT OKIECEEx/ATEX rating data

| | |
|--------------------------------------|---|
| EU-type examination certificate | KEMA01ATEX2106U |
| Download, German | KEMA01ATEX2106U_d.pdf |
| Download English | KEMA01ATEX2106U_e.pdf |
| IECEEx Certificate of Conformity | IECEXULD05.0009U |
| Download | IECEXULD05.0009U_e.pdf |
| ATEX voltage | 550 V |
| ATEX current | 15 A |
| ATEX conductor cross-section | 1.5 mm ² |
| IECEEx voltage | 550 V |
| IECEEx current | 15 A |
| IECEEx conductor cross-section | 1.5 mm ² |
| Voltage when using cross-connections | CrossConnectionGuide.pdf |
| Operating temperature range | Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEEx-Certificate of Conformity |
| Marking EN 60079-7 | Ex e II |
| Marking ATEX Directive 94/9/EC | Ex II 2 G D |

Additional technical data

| | |
|-------------------------------|-------|
| Colour of insulating material | beige |
| Connection direction | top |
| End plate required | Yes |

Additional technical data

| | |
|--|-----------------------|
| Explosion-tested version "Ex e" | Yes |
| Installation advice | TS 35 |
| Insulating material | Wemid |
| Levels cross-connected internally | No |
| No. of identical terminals | 1 |
| No. of levels | 1 |
| No. of terminal strips per level | 2 |
| Open sides | right |
| Operating temperature range | - 50 °C, + 120 °C |
| Product family | Z-series |
| Type of connection | Clamped |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V-0 |
| Version | Feed-through terminal |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 300 V |
| CSA current | 20 A |
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 14 |

Conductors for clamping (additional connection)

| | |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 1.5 mm ² |

Conductors for clamping (rated connection)

| | |
|--|--------------------------|
| Clamping range, min. | 0.05 mm ² |
| Clamping range, max. | 1.5 mm ² |
| Type of connection | Tension clamp connection |
| 2nd type of connection | clamped |
| Connection direction | top |
| No. of connections | 2 |
| Stripping length | 10 mm |
| Blade size | 0.4 x 2.0 mm |
| Gauge to IEC 60947-1 | B1 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 1.5 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 1.5 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 1.5 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 1.5 mm ² |
| Twin wire-end ferrule, min. | 0.5 mm ² |
| Twin wire end ferrule, max. | 0.75 mm ² |
| AWG conductor size, min. | AWG 30 |
| AWG conductor size, max. | AWG 16 |
| AWG conductor size, min. | 0.13 mm ² |

Conductors for clamping (rated connection)

AWG conductor size, max. 1.5 mm²

Dimensions

Width 3.5 mm
 Height of lowest version 37 mm
 Length 51.5 mm
 TS 35 offset 30 mm

Rating data

Rated cross-section 1.5 mm²
 Rated voltage 500 V
 Rated impulse voltage 6 kV
 Rated current 17.5 A
 Standards IEC 60947-7-1
 Current with max. conductor 17.5 A
 Pollution severity 3

UL rating data

Voltage (UL) 300 V
 Current (UL) 15 A
 Min. cross-section (UL) AWG 30
 Max. cross-section (UL) AWG 14

Approvals

Approvals institutes



Downloads

STEP 1775480000_31270_ZDU_1.5_STP.stp

Classifications

ETIM 2.0 EC000897
 ETIM 3.0 EC000897
 eClass 4.1 27-14-11-20
 eClass 5.0 27-14-11-20
 eClass 5.1 27-14-11-20

Similar products

| Order No. | Part designation | Version |
|-----------|------------------|---------|
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|------------|------------------|---|
| 1826970000 | ZDU 1.5/2X2AN | Feed-through terminal, 1.5 mm ² , Clamping yoke connection, Wemid, dark beige, TS 35 |
| 1826990000 | ZDU 1.5/2X2AN BL | Feed-through terminal, 1.5 mm ² , Clamping yoke connection, Wemid, blue, TS 35 |
| 1827000000 | ZDU 1.5/2X2AN OR | Feed-through terminal, 1.5 mm ² , Clamping yoke connection, Wemid, Orange, TS 35 |
| 1775490000 | ZDU 1.5 BL | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, blue, TS 35 |
| 1775500000 | ZDU 1.5 OR | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, Orange, TS 35 |
| 1775530000 | ZDU 1.5/3AN | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, beige, TS 35 |
| 1775540000 | ZDU 1.5/3AN BL | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, blue, TS 35 |
| 1775550000 | ZDU 1.5/3AN OR | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, Orange, TS 35 |
| 1775580000 | ZDU 1.5/4AN | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, beige, TS 35 |
| 1775600000 | ZDU 1.5/4AN BL | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, blue, TS 35 |
| 1775610000 | ZDU 1.5/4AN OR | Feed-through terminal, 1.5 mm ² , Tension clamp connection, Wemid, Orange, TS 35 |

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